

WITH DR. COATES' COMPLIMENTS.

Bleak House, Patrington,
January, 1904.

To the District Council of Patrington.

I present my eighth annual report, dealing with the health of the district for the year ending December 31st, 1903.

The population of the district is estimated at 6,998. The number of births has been 194. Out of this number 14 were illegitimate, a proportion of 1 in 13.8, compared with 1 in 15.9 in 1902, 1 in 14.1 in 1901, and 1 in 9.62 in 1900. The total number of males born in 1903 was 94, and the number of females 100. The birth-rate for 1903 is 27.76 per 1,000, compared with 25.02 in 1902, and 26.24 in 1901. The average of England and Wales is 28.5, and the average for ten years in this district is 23.31. The births took place as follows:—

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.
Males	12	28	24	30
Females	22	30	34	14

One hundred and fifty-eight children were vaccinated in this district out of these births. During the year 93 persons have died, viz., 42 males and 51 females. This is at the rate of 13.30 per 1,000, compared with 13.15 in 1902 and 17.11 in 1901, and 14.64 the average for ten years. This is very favourable if compared with the rest of England, the average death-rate of the 76 large towns being 17.4. The average death-rate of Hull for the past 28 years is 19.4. The average age at death of this district is, for males 43.5 years, and for females 44.68 years. The average age of all deaths is 44 years 2 months, compared with 45 years 3 months 20 days in 1902. The average duration of life in England is 45 years 3 months. The healthiest European nations are Sweden and Norway, where the average life is 50 years. The unhealthiest are Prussia with 39 years, Bavaria with 36 years, and Spain with 32 years.

The relative number of deaths at the various ages come out at:—

Under 1 year	23
Average per 1,000	118.04
Average for England and Wales..	151
Average for East Riding	137
Average for 10 years	126.5
Over 1 year and under 5 years	5
Over 5 years and under 15 years	3
Over 15 years and under 25 years	8
Over 25 years and under 65 years	15
Over 65 years	39

Five inquests have been held during 1903, three being on persons washed ashore, not belonging to the district, and one death due to accident, and one due to natural causes.

The following have been the chief causes of deaths:—Scarlet fever 1, influenza 2, enteritis 3, septic disease 1, phthisis 5, other tubercular disease 3, cancer 7, bronchitis 7, pneumonia 4, premature birth 5, heart diseases 19, accidents 5, and all other causes 31. No deaths took place in Frodingham, Hilston, Outnewton, Thorngumbald, or Waxholme during 1903.

The deaths took place as follows:—

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.
Males	12	9	12	9
Females	13	10	10	18

Following my usual rule, I append a table showing at a glance (1) the births, (2) the deaths, (3) the average death rate, (4) the average birth rate, and (5) the average age at death in the following parishes:—

	Births.	Deaths.	per 1,000	Birth rate per 1,000	Death rate per 1,000	Avg. age at death.
Bur-twick	18	10	21.00	37.81	36.6	—
Burton Pidsea	7	4	14.09	24.64	42.83	—
Easington	6	4	11.11	16.66	56.25	—
Frodingham	4	0	0.	57.14	—	—
Halsham	3	1	4.54	13.63	75.	—
Hilston	1	0	0.	35.71	—	—
Hollym	8	1	4.69	37.55	5.	—
Holmpton	4	3	17.64	23.52	58.3	—
Keyingham	22	13	23.85	40.36	29.0	—
Kilnsea	3	1	7.69	23.07	3.	—
Ottringham	12	6	13.04	26.08	59.83	—
Outnewton	2	0	0.	55.55	—	—
Owstwick	7	1	12.50	87.50	25.0	—
Owthorne	5	2	24.69	61.72	64.5	—
Patrington	19	12	11.32	17.92	49.2	—
Patrington Union	2	5	116.66	46.66	28.9	—
Paull	17	5	8.83	30.03	13.2	—
Rimswell	4	1	7.24	28.98	4.	—
Roos	9	7	15.66	20.73	60.6	—
Ryehill	6	3	13.63	27.27	55.3	—
Skeffling	6	2	14.49	43.47	41.0	—
Sunk Island	7	4	10.98	19.23	23.3	—
Thorngumbald	11	0	0.	40.44	—	—
Tunstall	1	1	9.80	9.80	6.2	—
Waxholme	0	0	0.	0.	—	—
Welwick	7	6	21.42	25.00	46.83	—
Winestead	3	1	6.74	19.23	18.0	—

Compared with this the following table shows the average for the past ten years 1893-1903:—

	Avg. Pop.	Avg. Births.	Avg. Deaths.	Avg. under 1 y'r.
Bur-twick	453.3	13.3	6.5	1.3
Burton Pidsea	334.5	7.8	3.6	1.1
Easington	376.5	11.2	5.1	1.2
Frodingham	67.6	2.4	0.	0.
Halsham	237.3	4.6	3.5	4.
Hilston	36.1	1.	0.5	0.
Hollym	253.4	5.5	2.6	5.
Holmpton	192.6	3.4	2.1	3.
Keyingham	571.7	12.9	9.0	2.3
Kilnsea	156.1	4.2	3.3	7.
Ottringham	503.5	10.2	7.4	2.0
Outnewton	41.3	7.	3.	0.
Owstwick	87.2	2.0	3.	0.
Owthorne	90.8	1.6	0.8	3.
Patrington	1,125.1	22.6	18.5	3.4
Patrington Union	50.2	2.5	6.4	2.
Paull	550.2	17.1	8.1	2.5
Rimswell	124.5	4.5	1.6	4.
Roos	479.6	10.4	5.9	7.
Ryehill	253.0	6.0	3.0	6.
Skeffling	136.8	2.9	1.9	4.
Sunk Island	430.1	8.2	2.7	9.
Thorngumbald	286.7	6.8	4.8	1.1
Tunstall	116.0	2.9	1.2	2.
Waxholme	68.5	1.9	1.4	2.
Welwick	308.1	7.7	4.8	1.0
Winestead	146.5	3.4	1.7	0.

The number of inhabited houses in the district is 1,622; the average number of people per house is 4.31; for the whole of the East Riding, 4.5. The acreage is 61,120 for this district. The density of the population is one person to 8.7 acres, compared with 7.7 the East Riding rural average, and 5 acres the entire Riding average.

The infantile mortality is rather higher than last year.

During 1903, 59 cases of infectious diseases have been notified to me, two-thirds, viz., 40 cases, of which were scarlet fever, and all in one parish, i.e., Paull. One fatal case occurred. The percentage mortality from zymotic disease is .04 per 1,000, compared with 2.9 per 1,000 in Hull in 1902. The average number of cases of scarlet fever in seven rural East Riding unions during the year was 35.4, compared with Patrington 40. Only two cases of diphtheria occurred, both evidently sporadic, with no deaths. One case of puerperal fever occurred, and two cases of enteric fever. In neither enteric case could water be blamed for the complaint. Fourteen cases of

erysipelas were notified. The notifiable diseases were spread over eleven parishes.

Paull School was closed for the outbreak of scarlet fever.

Application has been made to close schools in this district for mumps, and certificates have been required for epidemic ringworm. Managers of schools must understand that in future no school will be closed except under the very grave pressure of a serious outbreak of infectious disease. The scholars must be specially excluded, and this will be promptly done if proper notice is given to me.

The Council might reasonably consider the advisability of furnishing anti-diphtheritic serum free to any who may require it. This is done by many sanitary authorities, with the best possible results.

The cancer rate this year is one in 13.2 of the deaths, compared with one in 14 last year and one in eight in 1902. The rate for England and Wales is one in 30. The average age of death from cancer in this district is 62 for males and 69 for females; the average for both sexes is 66 years, compared with 60.8 last year.

The average age of death of the 19 heart disease cases is 67.5 years.

Seven nuisances were complained of during 1903, and 33 nuisances were inspected in addition; all were abated. No summons had to be taken out. Five well waters were analysed, and one condemned. Twenty-nine cowsheds are registered, and all have been examined and found satisfactory; none have been condemned. Nine workshops are registered under the Factory and Workshops Act. They have all been inspected and found in order. No complaints have been received concerning them.

During 1903 anthrax has been notified as existing on three farms in this district. The deep boring for water both at Hollym and at Patrington proved unsuccessful. The water, though plentiful, in both cases was not of a potable character.

Arrangements are being made by the Crown to supply a portion of Sunk Island with water.

The year 1903 has been noticeable for the heavy rainfall. To this is no doubt due the absence of the usual autumnal diarrhoea, &c., and the immunity from diphtheria and enteric fever. Nothing has been done to flush the drains of Patrington yet. The necessity has not been so obvious, owing to the wet season, but it still remains.

On January 1st a new law comes into force in regard to midwives, and on and after April 1st, 1905, no person will be allowed to act or call herself a midwife in any way unless she is properly qualified and registered by the local authority, under a penalty of £5. A certificate must be taken out every January. During the year the new infirmary wards of the workhouse have been opened, and are in every way satisfactory. A distinct improvement has been effected by converting the old sick wards into tramp wards.

With the exception of Keyingham, where the mortality is rather high this year, the general health of the district is good. The general health shown by the death rates is distinctly better than the rest of the country. The low death rate (13.3) is very good indeed, and the Council may again be congratulated upon general improvement in the sanitation and health of the people.

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